



**Western  
Massachusetts  
Electric**

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Stephen Klionsky, Esq.

April 19, 2006

Ms. Mary L. Cottrell  
Secretary  
Dept. of Telecommunications & Energy  
One South Station  
Boston, MA 02110

Re: Docket No. DTE 04-116 - Investigation into Quality of Service Provided by LDC's

Dear Ms. Cottrell:

This letter provides the response to requests for the information listed below.

Response to DTE-LDC 7 Interrogatories dated 04-14-06

DTE-LDC 7 – 001

Very truly yours,

Stephen Klionsky

SK/jms  
cc: Service List

Due on: 04/19/2006  
Western Massachusetts Electric Company  
Docket No. DTE 04-116

Information Request DTE  
Dated: 04/14/2006  
Q-DTE-LDC-001  
Page 1 of 4

Witness: Michael T. Smith  
Request from: Department of Telecommunications and Energy

**Question:**

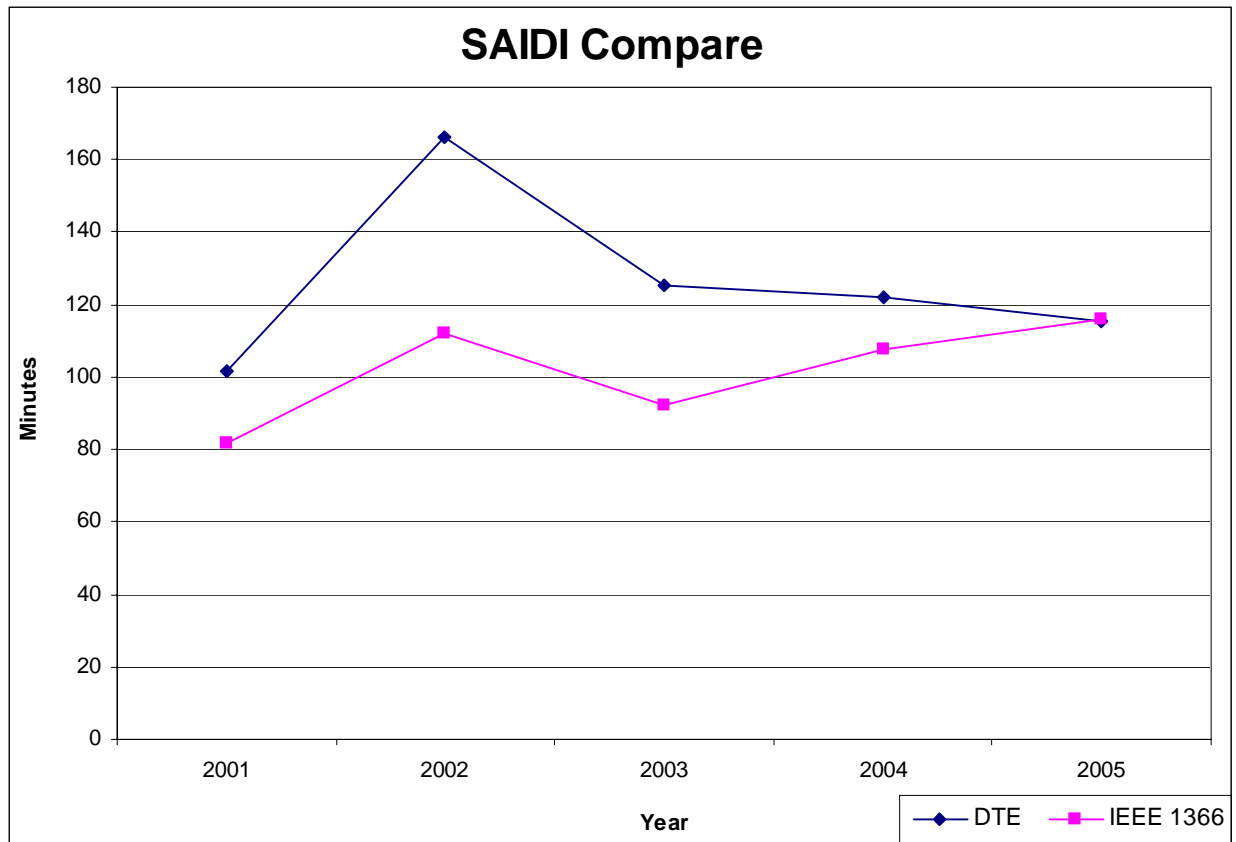
- (a) Assuming such data is available, please calculate your Company's SAIDI and SAIFI for the years 2001-2005, using the IEEE Standard 1366-2003.
- (b) Provide a graphical comparison of your SAIDI performance using the Department's current method contrasted against your SAIDI performance using IEEE 1366-2003 during that period.
- (c) Provide a graphical comparison of your SAIFI performance using the Department's current method contrasted against your SAIFI performance using IEEE 1366-2003 during that period.
- (d) Chart and specify the dollar amount of SAIDI and SAIFI penalties, if any, that you have incurred under the Guidelines and would have incurred under IEEE 1366-2003.

**Response:**

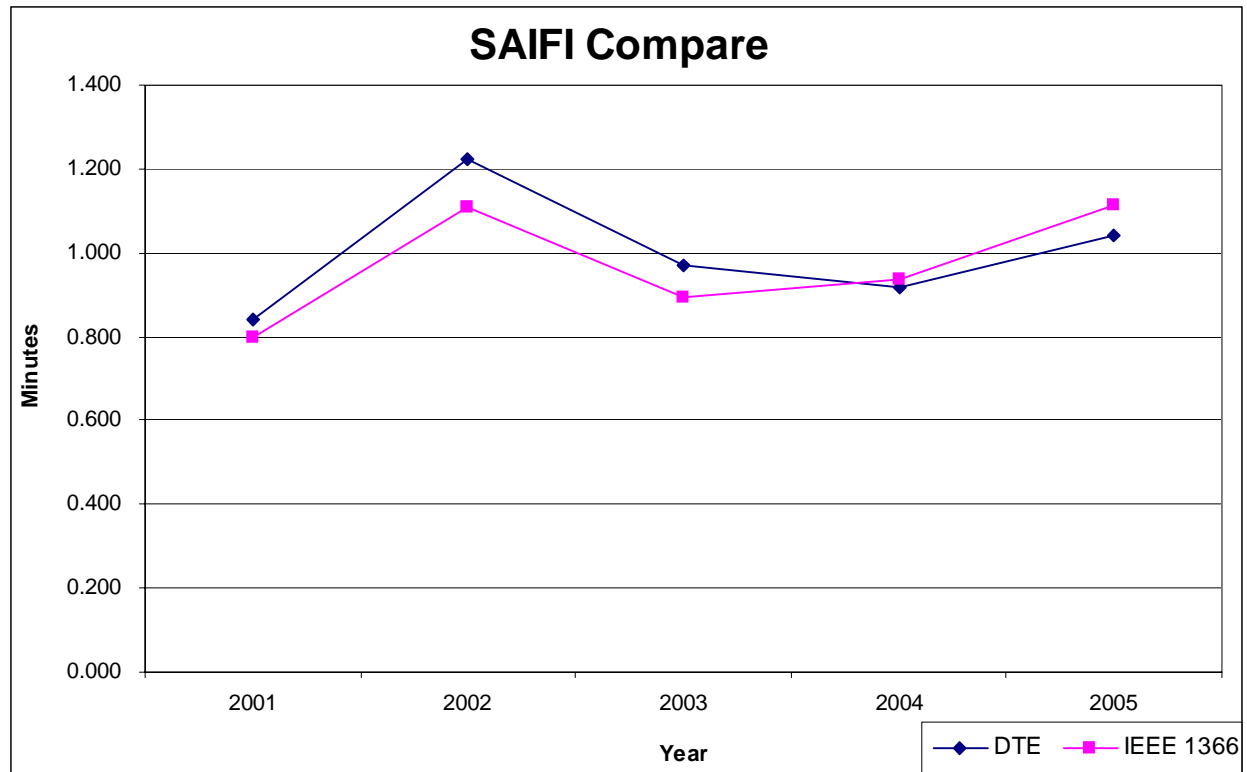
- (a) WMECO's SAIDI and SAIFI for the years 2001-2005 using the IEEE Standard 1366-2003 methodology is:

Storm Exclusion Methodology	Measure	2001	2002	2003	2004	2005
DTE	SAIDI	101.44	166.16	125.12	121.91	115.56
IEEE 1366	SAIDI	81.89	112.10	92.27	107.89	116.20
DTE	SAIFI	0.842	1.223	0.969	0.917	1.041
IEEE 1366	SAIFI	0.798	1.111	0.893	0.935	1.114

(b) Below is a graphical comparison of WMECO's SAIDI performance using the Department's current method contrasted against WMECO's SAIDI performance using the IEEE 1366-2003 method during that period.



(c) Below is a graphical comparison of WMECO's SAIFI performance using the Department's current method contrasted against WMECO's SAIFI performance using the IEEE 1366-2003 method during that period.



(d) WMECO has not incurred any penalties for SAIDI and SAIFI under the Guidelines. WMECO is not subject to either a PBR or merger-related rate plan; consequently, WMECO is not subject to penalties for failure to meet SQ benchmarks. D.T.E. 99-84, Letter Order at 5 (April 17, 2002). This was confirmed in the 2004 Annual Service Quality Reports Letter Order which states, WMECO is exempted from SQ penalties because, in accordance with a settlement, it is subject to either a PBR or merger-related rate plan. Western Massachusetts Electric Company, D.T.E. 04-106, at 5, 12-13 (2004). D.T.E. 05-12 through D.T.E. 05-25, Letter Order at 4 (December 30, 2005).

Notwithstanding the above, WMECO has performed the requested calculation for illustrative purposes only using a maximum penalty of \$510,300 for each metric (SAIDI and SAIFI) for each of the years. That information can be found below.

#### SAIDI Penalties

Year	DTE	IEEE
2001	-\$191,497	-\$228,418
2002	\$277,763	\$168,038
2003	\$0	\$0
2004	\$0	\$0
2005	\$0	\$281,346

#### SAIFI Penalties

Year	DTE	IEEE
2001	\$0	\$0
2002	\$367,878	\$331,280
2003	\$0	\$0
2004	\$0	\$0
2005	\$0	\$343,991

Due to data availability, the data from 2000-2004 has been used to calculate the targets, standard deviations and bandwidths for determining penalties. This becomes a hypothetical exercise since data from future years (e.g. 2003 and 2004) is being used to determine penalty targets for earlier years (e.g. 2002).